

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING**

### **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/542,769  
Source: PCT  
Date Processed by STIC: 07-28-2005

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.2.2 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

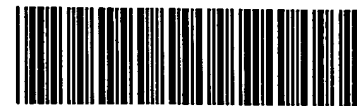
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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



PCT

## RAW SEQUENCE LISTING

DATE: 07/28/2005

PATENT APPLICATION: US/10/542,769

TIME: 15:56:56

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\07282005\J542769.raw

3 <110> APPLICANT: Max-Planck-Gesellschaft zur Frderung der Wissensc  
 5 <120> TITLE OF INVENTION: L-amino acid oxidase with cytotoxic activity from  
 6 Aplysia punctata  
 8 <130> FILE REFERENCE: 29644PWO\_2  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/542,769  
 C--> 11 <141> CURRENT FILING DATE: 2005-07-20  
 13 <150> PRIOR APPLICATION NUMBER: EP03001232.2  
 14 <151> PRIOR FILING DATE: 2003-01-20  
 16 <150> PRIOR APPLICATION NUMBER: EP03026613.4  
 17 <151> PRIOR FILING DATE: 2003-11-19  
 19 <160> NUMBER OF SEQ ID NOS: 72  
 21 <170> SOFTWARE: PatentIn Ver. 2.1

(pg-2)

Sequence Listing /  
 Correction Needed

(pg-1)

## ERRORED SEQUENCES

1384 <210> SEQ ID NO: 42  
 1385 <211> LENGTH: 462  
 1386 <212> TYPE: DNA  
 1387 <213> ORGANISM: Aplysia  
 1389 <400> SEQUENCE: 42

E--> 1390 taccgcccc gccaccactn tngcaccagc agaaccaacc tgcgagaagc tgtccgntg 60  
 E--> 1391 gttcaacgtg ganaagaaat tcgaagggtc cagaatcgtg agtttcaagc tcatccgcct 120  
 E--> 1392 gttcaacagg tncagaagt gcaagaaagc ccagtattcc gtgtctggcg atgatgagga 180  
 E--> 1393 gncattcggt gtcagtgggt gttctggcgt gttccaggtn tgctacgaag aacaaacggc 240  
 E--> 1394 gcccgctaca accnccacag aagccccgaa gccagagcca agaagaccca agaggaaaaa 300  
 E--> 1395 tttcccaatc aaatttngta aacactgatg ggttaatntg acgaccagtg cgtctgcgaa 360  
 1396 agaatcatgt tatggttcat gatgtcatgc tcttaataata ggttgtaacg ttttaacgca 420  
 1397 tacagacatt aaaactcatt gttcaaaaaa aaaaaaaaaa aa 462

✓ P/S Explain "n" location  
 P/S See errors explanation on pg-2

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

## VARIABLE LOCATION SUMMARY

DATE: 07/28/2005

PATENT APPLICATION: US/10/542,769

TIME: 15:56:57

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\07282005\J542769.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of &lt;220&gt; to &lt;223&gt; is MANDATORY if n's or Xaa's are present.

in &lt;220&gt; to &lt;223&gt; section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:42; N Pos. 20,21,58,73,132,150,182,220,254,317,338

Seq#:43; Xaa Pos. 7,8,20,25,44,50,58,59,61,74,85,106,107,112,113,132,133

Seq#:43; Xaa Pos. 137,145

Seq#:44; Xaa Pos. 7,19,24,44,50,61,73,85,106,109,113,127,138

Seq#:45; Xaa Pos. 6,7,19,24,33,44,50,60,73,84,105,112,113,133

Seq#:49; Xaa Pos. 3

Seq#:51; Xaa Pos. 5

Seq#:59; N Pos. 17

Seq#:63; N Pos. 24,25,29,30,34,35

*Error Explained*

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/542,769

DATE: 07/28/2005

TIME: 15:56:57

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\07282005\J542769.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:432 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3  
L:856 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:7  
L:1390 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:42  
M:340 Repeated in SeqNo=42  
L:1411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0  
M:341 Repeated in SeqNo=43  
L:1454 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0  
M:341 Repeated in SeqNo=44  
L:1497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0  
M:341 Repeated in SeqNo=45  
L:1579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0  
L:1606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0  
L:1722 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:59  
L:1722 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:59  
L:1722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0  
L:1777 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:63  
L:1777 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:63  
L:1777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0